

DAFTAR PUSTAKA

- AA, M.P.,et al, (2015). *Population-Based Studies on the Epidemiology of Insulin Resistance in Children*. Journal of Diabetes Research, Hindawi Publishing Corporation, Journal of Diabetes Research Article ID 362375, p.1-9
- Abdurrahman, F. (2014). Faktor Pendorong Perilaku Diet Tidak Sehat Pada Mahasiswa. Ejournal Psikologi. Vol 2, No 2: hal 163-170
- ADA, (2009). All About Insulin Resistance.
http://professional.diabetes.org/sites/professioal.diabetes.org/files/media/All_about_Insulin_Resistance.pdf.(sitasi 28 Januari 2019)
- ADA, (2015). *Standards of Medical Care in Diabetes 2015*. Diabetes Care The Journal of Clinical and Applied Research and Education Older Adults p 567-569 (sitasi 28 Januari 2019)
- AHA (American Heart Association), (2012), Heart Disease and Stroke Statistics-2012 update.
- Arisman, MB. (2014). Buku Ajar Ilmu Gizi : Obesitas, Diabetes & Didlipidemia : Konsep, teori dan penanganan aplikatif, Jakarta : EGC
- Back J.H, Kim H., Kim K.Y, et al, (2018). *Insulin Resistance and the Risk of Diabetes and Dysglycemia in Korean General Adult Population*, Diabetes and Metabolisme Journal, online Apr 24; <https://doi.org/10.4093/dmj.2017.0106> :p1-12
- Bertalina, B., Purnama (2016), Hubungan Lama Sakit, Pengetahuan, Motivasi Pasien dan Dukungan Keluarga Dengan Kepatuhan Diet Pasien Diabetes Mellitus, Jurnal Kesehatan, Vol 7, No 2, Agustus 2016. 329-340
- Boyle Ma., 7 Roth SL. (2010) *Personal Nutrition*, Seventh Edition, Wadsworth Cengage Learning, Belmont.
- Brown JE., (2011), *Nutrition Through the Life Cycle*, Fouthh Edition. Wadsworth Cengage Lerning, Belmont.
- Calis, I.U, Cosan, D.T, Saydan, F., Kolac, U.K, Soyocak, A., Kurt, H., Gunes, H.V., Sahinturk, V., Mutlu, F.S, Koroglu, Z.O, and Degirmenci, I. (2016). *The Effects of Monosodium Glutamate and Tannic Acid on Adult Rats*. Iranian Red Crescent Medical Journal, 18
- Cefalu W., Hu Frank, (2004). *Role of Chromium in Human Helath and in Diabetes in ADA*

Charles and Anne, (2010). Bersahabat dengan Diabets Mellitus Tipe 2, Depok Jakarta : Penerbit Plus (diterjemahkan oleh : Joko Suranto)

Corwin, E.J, (2009), Buku Saku Patofisiologi Corwin, Jakrta : Aditya Media.

Danaei G., Finucane MM, Lu Y, et al (2011). *Global Burden of Metabolic Risk Factors of Chronic Diseases Collaborating Group (Blood Glucose).* National, regional and global trends in fasting plasma glucose and diabetes prevalence since 1980: systematic analysis of health examination surveys and epidemiological studies with 370 country-year and 2.7 million participants. *Lancet;*378:31-40.

DeFronzo RA, Ferrannini E, Zimmet P., et al, *International Texbook of Diabetes Mellitus*, 2 volume Set, 4th Edition, Wiley-Blackwell, 2015

Departemen Kesehatan. (2005) Pharmaceutical Care untuk Penyakit Diabetes Mellitus.

Dewita Sari, M., (2017), Peran Radikal Bebas Terhadap Kejadian Resistensi Insuin Pada Pasien Rawat Jalan di Klinik Universitas Muhammadiyah Surabaya, Universitas Airlangga, Surabaya.

Diab, A.E.A, and Hamza, R.Z, (2016). Monosodium Glutamate Induced Hepatotoxicity and the Possible Mitigating Effect of Vitamin C and Propolis. *Journal of Advances in Medical and Pharmaceutical Sciences.* www.science.org/abstract/14270.

Dresner, A., (1999) Effects of Free Fatty Acid on Glukosa Transport and IRS-1-Associated Phosphatidylinositol-3-Kinase Activity, *J.Clin Invest;* 103;253-259.

Ehsa, (2010). Diabetes Mellitus.<http://ehsa.com/diabetes-mellitus-dm.html>. (diakses pada 20 januari 2019).

Erejuwa, O.O. (2012). *Oxidative Stress in Diabetes Mellitus : Is There a Role for Hypoglycemic Drugs and/or Antioxidants?Oxidative Stress and Disease (on-line).* cdn.interchopen.com/pdfs/35949.pdf

Evans, J.L., Goldfine, I.D., Maddux, B.A and Grodsky, G.M. (2003). *Perspectives in Diabetes : Are Oxidative Stress Activated Signaling Pathways Mediators of Insulin Resistance and Cell Dysfunction?Diabetes (on-line)*, 52:1-8.<https://www.ncbi.nlm.nih.gov/pubmed/12502486>.

- Fathmi, A. (2012). Hubungan Indeks Massa Tubuh dengan Kadar Gula Darah Pada Penderita Diabetes Mellitus Tipe 2 di Rumah Sakit Umum Daerah Karanganyar. FK Universitas Muhammadiyah Surakarta.
- Gambert, SR & Pinkstaff, S. (2006) *Emerging epidemic ; Diabetes in Older Adults : Demography, Economic Impact, and Pathophysiology*, Diabetes Spectrum, vol 19, No 4. P 221-228
- Garvey, W.T, Hunter, S.J, (1998), *Insulin Action and Insulin Resistance : Diseases Involving Defects in Insulin Receptors, Signal Transduction, and The Glucose Transport Effector System*, The American Journal of Medicine, Vol 105, Issue 4, p. 331-345.
- Gibson, James, L. (2000). *Organization, Behaviour, Structure, Process*, edition 10, Boston : USA
- Gibson, S Rosalind. 2005 . *Principle of Nutritional Assessment Second Edition* Oxford University Pre
- Gordis, L., (2000), *The 2nd Edition of Epidemiology Teaches The Basic Principles* University of California : W.B Saunders.
- Gropper, S., Smith, J., (2009). *Advanced Nutrition and Human Metabolism*. Canada: Wadsworth, Cengage learning.
- Hardinsyah, Irawati A., Kartomo D., Prihartini S., Linorita I., Amilia L., dkk (2012). Pola Konsumsi Pangan dan Gizi Penduduk Indonesia. Departemen Gizi Masyarakat FEMA IPB dan Badan Litbangkes Kemenkes RI. Bogor.
- Hasdianah, (2012). Mengenal Diabetes Mellitus Pada Orang Dewasa dan Anak-anak Dengan Solusi Herbal, Yogyakarta : Nuhu Medika.
- Hirata, A., Maeda, N., Hiuge, A., Hibuse, T., Fujita, K., Okada, T., Kihara, S., Funahashi, T., Shimomura, I., (2009) Blockade of Mineralocorticoid Receptor Reverses Adipocyte Dysfunction and Insulin Resistance in Obese Mice. *Cardiovascular Research* 84:164-172
- IDF, 2017, Diabetes Atlas, Eight edition, www.idf.org/diabetesatlas p: 21-28
- Ignatavicius, D.D, & Workman, M.L, (2010). *Medical-Surgical Nursing : Client-Centered Collaborative Care. Sixth Edition, 1&2*, Missouri : Saunders Elsevier.
- Institute of Medicine, (2002) *Food and Nutrition Board, Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc*

- dine, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc, Washington D.C, National Academy Press.
- Isidori, AM, et al, (2000). *Leptin and Aging : Correlation With Endocrine Changes in Male and Female Healthy Adults Populations of Different Body Weights*, J Clin Endocrinol Metab, Mei 2000; 85(5) : p 1954-1962.
- Kaiser M.J, Baurer J.M, Ramsch C., et al (2009). *Validation Of The Mini Nutritional Assessment -Short Form MNA-SF) : A Practical Tool For Identification Of Nutritional Status*, The Journal of Nutrition, Health & Aging, 9 November 2009;(13) : p 782-788.
- Kanaya. AM, et al, (2004). *Adipocytokines Attenuate The Associations Between Visceral Adiposity and Diabetes in Older Adults*, Diabetes Care, Juni 2004,27(6) : p 1375-1380.
- Kane RI, Ouslander JG, Abrass RB, Resnick B. *Essentials of Clinical Geriatrics 6thed*, New York : McGraw Hill : 2009: p.3.63-70.
- Kemenkes RI., 2008, Pedoman Teknis Pengukuran Faktor Risiko Diabetes Mellitus, Direktorat PPTM Ditjend PP dan PL.
- Kemenkes RI., (2013) , Infodatin, Pusat Data dan Informasi Kementerian Kesehatan RI.
- Kemenkes RI, (2018). Riskesdas, *Badan Penelitian dan Pengembangan Kesehatan.*
- Khan C.R, Macotela Y., Boucher J., and Tran T.T, (2009). *Gender and Depot Differences in Adipocyte Insulin and Glucose Metabolism Diabetes.*
- Krems C., Luhrmann PM., Stussburg A., Hartmann B., NeuHauser-Berthold M. *Lower resting metabolic rate in elderly may not be entirely due to changes in body composition*. Eur J Clin Nutr.2005 Feb;59(2) :225-62.
- Kruszynska, Y.T, Mulford, M.I, Baloga, J., Yu, J.G, Olefsky, J.M., (1998), *Regulation of Skeletal Muscle Hexokinase II in Insulin-Resistant Diabetes*, Diabetes ;44;43-48.
- Kuntoro, H., (2015). Metode Sampling dan Penentuan Besar Sampel. Ed 3, Surabaya : Pustaka Melati, hal 222-231.
- Kurniawati, T., (2016). Peran Resistensi Insulin Pada Pasien Risiko Diabetes Mellitus dan Tidak Risiko Diabetes Mellitus Tipe 2 di Kinik Universitas Muhammadiyah Surabaya. Universitas Airlangga.

- Kusuma, H. & Hidayati, W., (2013), Hubungan Antara Motivasi Dengan Efikasi Diri Pada Pasien Diabetes Mellitus Tipe 2 di Persadina Salatiga, Jurnal Keperawatan Medikal Bedah, 1(2): hal 132-141.
- Lanywati, (2011). Diabets Mellitus Penyakit Kencing Manis, Yogyakarta : Kanis ius.
- Lemeshow S., and Lwanga S.K., (1997). *Sample Size Determination in Health Studies : A Practical Manual*. Genewa. WHO.
- Li, M., Fan, Y., Zhang, X., Hou, W., and Tang, Z., (2014). *Fruit and Vegetables Intake and Risk of Type 2 Diabetes Mellitus* : Meta-analysis of Prospective Cohort Studies. BMJ Open. <http://bmjopen.bmj.com/content/4/1/e005497>.
- Linder, M.C. (2010). Biokomia Nutrisi dan Metabolisme dengan Pemakaian Secara Klinis, cetakan 2010, Jakarta: UI Press, hal 309-314.
- Mahan K., & Escott-Stump (2008). *Food, Nutrition and Diet Therapy*, USA : W.B Saunders Company.
- Mahendra, dkk, (2008), *Care Your Self Diabetes Mellitus*, Jakarta : Penerbit Plus.
- Matthews, DR., Hoskes, JP., Rudenski AS., Nylor, BA., Turner, RC., et al (1985). Homeostasis Model Assesment : Insulin Resistance and Beta-cell Function From Fasting Plasma Glukose and Insuline Concentrations in Man, Dia betoloia 28:412-419.
- Mc Guire M., and Beerman, KA. (2013). *Nutritional Sciences : From Fundamental to Food*. Thrid edition. USA: Wadsworth, Cengage Lerning.
- Merentek, E., (2006), Resistensi Insulin Pada Diabetes Mellitus Tipe 2, Cermin Dunia Kedokteran, No 150 : 39-41, Poliklinik Endokrin Metabolik, Bagian Penyakit Dalam Rumah Sakit Umum Gowa, Makasar.
- Meyer, M.C, (2012). *Constrained Penalized Splines*, Canadian Journal of Statistics, 14 February, vol 40, Issue 1,p 190-206.
- Murti, B., (2016). Prinsip dan Metodologi Riset Epidemiology, Ed. 5, Jawa Tengah: Bintang Fajar Offset,hal 241-253.
- Ngaisah, D, (2010). Hubungan Asupan Kromium Dengan Tingkat Gula Darah Pada Anggota Persadina Samarinda Tahun 2010, tesis. FKM UI,Program Studi Gizi Kesehatan Masyarakat.
- Notoatmodjo, S, (2002). Metodologi Penelitian Kesehatan.Ed Revisi, Jakarta: PT Rineka Cipta, hal 36-153.

- Nsonwu AC, Usoro CAO, Etukudo MH, Usoro IN,(2005). *Serum and Urine Levels of Chromium and Magnesium In Type 2 Diabetics in Calabar, Nigeria.* Mal J Nutr;11(2):133-142.
- Nugroho, (2012), Keperawatan Gerontik, Buku Kedokteran EGC : Jakarta
- Nugroho, A. (2013) Kelanjutusiaan Sehat Menuju Masyarakat Sehat Untuk Segala Usia, , 1 : 25-29, Buletin Jendela Data dan Informasi Kesehatan, Depkes R.I.
- Nurohmi S., (2017), Penilaian Kromium Serum Darah Pada Penyandang Diabetes Mellitus Tipe 2 Dan Non Diabetes, Sekolah Pasca Sarjana, Institut Pertanian Bogor.
- Nurrahmani, (2012). Stop Diabetes Mellitus, Yogyakarta : Familia.
- Omar dalam Poretsky, Lenoid, 2010. *Principle of Diabetes Mellitus.* Edisi kedua, New York : Springer
- Olivia J Phung, et al, (2010), *Improved Glucose Control Associated with i.v Chromium Administration in Two Patients Receiving Enteral Nutrition, American Journal Health-System Pharmacy.* Vol. 67, Issue 7, 1 April 2010, p.535-541.
- Pechova, A., and Paviata, L., (2007). Chromium as an Essential Nutrient : A Review Veterinari Medicina. 52(1):1-18.
- Perkeni, (2015). Konsesus Pengelolaan Diabetes Mellitus Tipe 2 di Indonesia, Jakarta.
- Petersen, KF, Shulman, GI, (2006), *Etiology of Insulin Resistance, Am J Med,* Mei 2006, 119(5) ; p 6-10.
- Pramono, L.A, Fanumbi, C., (2012). Permasalahan Lanjut Usia di Daerah Perdesaan terpencil, jurnal Kesehatan Masyarakat Nasional : Vol 6(%) ; p 201-211 , diakses tanggal 4 maret 2109
- Potter, P.A dan Perry A.G. 2009, Buku Ajar Fundamental Keperawatan, Jakarta : EGC.
- Rabinowitz, MB., Gonick, HC., Levin SR, Davidson, MB.,(1983) Effects of Chromium and Yeast Supplements on Carbohydrate and Lipid Metabolism in Diabetic Men. *Diabetic Care* 6:319-327

- Rahati, S., Shahraki, M., Arjomand, G. and Shhraki, T., (2014). Food Pattern Lifestyle and Diabetes Mellitus. *Int J High Risk Behav Addict.* https://www.reseachgate.net/263515722_Food_Pattern.
- Refaie M.R., Sayed-ahmed N.A., Bakr A.M., Yaqoot M., Aziz A., Abdel-gawad S.S., and Kannishi M.H.El (2006). *Aging is an Inevitable Risk Factor for Insuline Resistance.* Journal of Taibah University: Medical Sciens (online),1;30-41. [http://dx.doi.org/10.1016/S1658-3612\(06\)7007-1](http://dx.doi.org/10.1016/S1658-3612(06)7007-1). Accesed 7July 2019.
- Robin and Cotran, 2006, Buku Saku Dasar Patalogis Penyakit, Jakarta : Penerbit Buku Kedokteran EGC
- Rochmah W., Diabets Mellitus pada usia lanjut, In : Sudoyo A.W, Setiyohadi B., Alwi I., Simadibrata M., Setiai S., editors, Buku Ajar Ilmu Penyakit Dalam 4thed. Jakarta : Pusat Penerbitan IPD FKUI : 2007.p.15-19
- Saini, V., (2010). *Molecular Mechanisms of Insulin Resistance in type 2 Diabetes Mellitus.* World journal of Diabetes : <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3083885/> &tool=pmcenterz&rendertype=abstract. (situs 28 Januari 2019)
- Santoso, M. (2014). Pengenalan Penyakit Diabetes Mellitus dan Penanganannya Dewasa Ini , Makalah dalam PB PAPDI.
- Sari, M.D, (2017). Peran Radikal Bebas Terhadap Kejadian Resistensi Insulin Pada Pasien RAwat Jalan di Klinik Universitas Muhammadiyah Surabaya, tesis. FKM Unair Surabaya,Program Studi Gizi Kesehatan Masyarakat.
- Sari, N.K, (2006). Deteksi Dini Malnutrisi Usia Lanjut dalam : Harjodisas tro D., Syam A.f, Sukrisman L., editors. Dukungan Nutrisi Pada Kasus Penyakit Dalam. Jakarta: Pusat Penerbitan FKUI.
- Sharlin J., Edelstein S., (2015), Essentials of Life Cycle Nutrition, Jones and Bart lett Learning LLC.
- Sibarani D., (2010).,Gambaran Kadar Glukosa Darah Puasa Pada Lansia di Panti Jompo Dharma Asuh Binjai, Sumatera Utara.
- Snehalatha, Chamukuttan dan Ramachandran, Ambady.(2009) Diabetes mellitus dalam gizi kesehatan masyarakat. Editor :Michael J. Gibney, et al. Pen erbit Buku Kedokteran EGC, Jakarta.
- Soegondo, Soewondo, Subekti, (2009). Penatalaksanaan Diabetes Mellitus Terpadu. Cetakan VI, Jakarta : Balai Penerbit FKUI.

- Stolk, RP, et al, (1997), *Insulin and cognitive function in a elderly population*.The Rotterdam Study, Diabetes Care, May 1997, 20(5) : p 792-795
- Stumvoll M., Goldstein B.J, Van Haeften T.W., (2005) *Type 2 diabetes principles of pathogenesis and therapy*.Lancet 365: 1333-1346.
- Suatika K., Achmad B., Gotera W., Budhiarta AAG., Sutanegara D., (2005) *Smoking was not Associated With Insuline Resistance in Population of Bali*, Ann Internal Medicine, Sanglah Hospital Bali, Udayana University Press
- Subramaniam I, Gold JL, *Diabetes Mellitus in Erderly*, J. Indian Acad Geri, 2005 : 2 : 77-81, Available from : <http://www.jiag.org?sept/diabetes.pdf>
- Supariasa, Bakri, Fajar, (2017). Penilaian Status Gizi. Ed 2, Jakarta : Penerbit Buku Kedokteran EGC , hal 104-122.
- Sustrani, Lanny dkk. (2004).Hipertensi, Jakarta : Gramedia Pustaka Utama.
- Tang, Q., Li, X, Song, P. and Xu, L., (2015). *Optimal cut-off values for the homeostatis model assessment of insulin resistance (HOMA-IR) and pre-diabetes screening: Development in research and prospects for the future Drug Discoveries & Therapeutics (on-line)*, 9.http://www.ddtjournal.com/files/DDT_2015Vol9No6_pp380_429.pdf.Accessed 7 Peb 2019.
- Tandra, H., (2008) Segala Sesuatu Yang Harus Anda Ketahui Tentang Diabetes, Jakarta: Gramedia.
- Toft-Nielsen, et al. (2001). *Determinants of The Impaired Secretion of Glucagon Like Peptide-1 in Type 2 Diabetic Patients*, The Journal of Clinical Endocrin & Metabolism.august 2001, 86(8): p 3717-3723.
- Trisnawati S., Widarsa T., Suatika K.,(2013), Faktor Risiko Diabetes Mellitus Tipe 2 Pasien Rawat Jalan di Puskesmas Wilayah Kecamatan Denpasar Selatan, Public Health and Preventive Medicine Archive, Juli 2013; Vol 1
- Ullah, et al, (2015). *Diabetes Mellitus And Oxidative Stres-A Concise Review*. Saudi Pharmaceutical Journal,24: p 547-553.
- Unjiati, (2014), Perbedaan Kadar Kromium Dan Zinc Pada Penderita Diabetes Type 2 Dan Non Diabetes di Ruma Sakit Umum Haji Surabaya, Universitas Airlangga.
- Vaqueto, MP., (2002) Magnesium and Trace Elements in Elderly : Intake, Status and Recommendations, J Nutr Health Aging, 6:147-153.

- Wahlqvist M.L, & Savige G.S, (2000) *Intenational aimed at dietary and lifestyle changes to promote healthy aging.* European Journal of Clinical Nutrition, 54:S148-S156.
- Wallace, TM., Levy, JC., Tatthews, DR. (2004). *Use And Abuse of HOMA Model ling.* Diabetes Care, 27: 1487-1495.
- WKNPG VII, (2004). Ketahanan Pangan dan Gizi di Era Otonomi Daerah dan Globalisasi, Jakarta : LIPI
- Wilcox, Gisela, (2005). *Insulin and Insulin Resistance*, Clin Biochem Rev. 2005 May, 26(2) : 19-39.
- WHO, (2010). *Physical Activity In Guide to Community Preventive Service Website*
- Wulandari M.Y, dan Isfandiari M.A. (2013). Kaitan Sindrom Metabolik dan Gaya Hidup dengan Gejalan Komplikasi Mikrovaskuler. Jurnal Berkala Epidemiologi (on-line) 1:224-233. <http://journal.unair.ac.id/download-fullpapers-jbe230167c611full.pdf.accesed> 5 juli 2019.
- Yang M.H, Hall S.A., Piccolo R.S, Maserejian N.N and Mckinlay J.B. (2015). Do Behavioral Risk Factors for Prediabetes and Insulin Resistance Differ across The Socioeconomic Gradient : Result from a Community-Based Epidemiologoc Survey. International Journal of E.